C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.16.h B2 Access Control Test

Text pages 2 through 4

C-A OPM Procedures in which this Attachment is used.		
4.16		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
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Approved: _____ _____
Collider-Accelerator Department Chairman   Date

N. Williams

B2 ACCESS CONTROL TEST FOR

PERIOD_____TO_____

ACCESS CONTROLS GROUP PERSONNEL

PRINT NAME	LIFE NUMBER

PRECAUTIONS

Working Hot Permit   All Radiation Sources LOTO

SUPPORTING DOCUMENTS

LOGIC DIAGRAM TITLE	LOGIC DIAGRAM NUMBER	REVISION
B2 Secondary Beam Logic	B2.LGC	E 3-13-95

SCHEMATIC TITLE	SCHEMATIC NUMBER	REVISION
B2 Secondary Beam Schematic	B2SECUR	O 3-13-95

INPUT TESTING

INITIAL and DATE 1 through 6 for the correct indication of each input CONDITION by observation of the following relay for BOTH input states:

CONDITION	RELAY	RELAY ENERGIZED (Condition is TRUE) Initial	RELAY DE-ENERGIZED (Condition is NOT TRUE) Initial	DATE
1. SEB B on Controlled Access	3891K2			
	3891K16			
2. SEB B Safely off	3891K3			
3. B2D1 P.S. Off	3891K6			
4. B2 Experimenter's Gate Reset	3891K15			
5. B2 Experimenter's and Escape Gate Redundant door sw. O.K.	3891K13			
6. B2 Radiation Monitor O.K.	3891K11			
7. Reset Function O.K.	3891K12			
8. B2 Chipmunk O.K.	3891K7			

OUTPUT TESTING

INITIAL and DATE 1 and 2 for the correct indication of each output CONDITION by observation of the following relays for BOTH output states:

CONDITION	RELAY	RELAY ENERGIZED (Condition is TRUE) Initial	RELAY DE-ENERGIZED (Condition is NOT TRUE) Initial	DATE
1. B2D1 P.S. Interlock Clear	3891A8			
2. B2 Primary Interlock	(23MK5)			

LOGIC TESTING

INITIAL and DATE 1 through 5. Check by forcing each contact ON and OFF so that the listed relay goes ON and OFF. The schematic indicates which contact controls which relay.

RELAY	CONTACT ON (Relay ON) Initial	CONTACT OFF (Relay OFF) Initial	DATE
1. 3891K1			
2. 3891A8			
3. 3891K4			
4. 3891K5			
5. 3891K10			